

PTO/SB/96(04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paper-work Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Kung-Ling KO

Application No./Patent No.: NOT YET ASSIGNED

Filed/Issue Date: Concurrently Herewith

Entitled: Virtual Channel Remapping

Brocade Communications Systems, Inc., a Corporation  
 (Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of an undivided part interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_ %

In the patent application/patent identified above by virtue of either:

- A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was filed with the U.S. Patent and Trademark Office concurrently herewith for which a copy thereof is attached.

OR

- B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:  
The document was recorded in the United Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  2. From: To:  
The document was recorded in the United Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
  3. From: To:  
The document was recorded in the United Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
- Additional documents in the chain of title are listed on a supplemental sheet.  
Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

RON EDSTEIN

Typed or printed name

Signature

VICE PRESIDENT, GENERAL COUNSEL

Title

Attorney Docket No. 2120-02400